NOVEMBER/DECEMBER 2024

CCA62/CCS62/CSC62 — PYTHON PROGRAMMING

Time : Three hours Maximum : 75 marks

Bhaarathiyaa Industries Arts & Science College T.V.Malai

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define Identifier.
2. Give the use of complex() function.
3. What is the difference between continue and break?
4. Define string traversing.
5. What is meant by scope of the variable?
6. Give the purpose of zip( ) function.
7. Define slicing.
8. What is meant by flexible sorting?
9. Define object.
10. How to handle exception?

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Narrate the rules used to create a variable.

Or

(b) What are the different kinds of functions available in python? Explain with example.

12. (a) Discuss on the entry control and exit control functions.

Or

(b) Give an account on try and except statement.

13. (a) Write short note on scope and lifetime of the variable.

Or

(b) Give an account on various set methods.

14. (a) Narrate the randomly permuting a list.

Or

(b) Exemplify the method used to reversing of list.

15. (a) What is meant by class inheritance? Explain with example.

Or

(b) Discuss on geometric points with example.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the types of operators in Python.

17. Elucidate the basic string operations.

18. Describe the traversing on set with example.

19. Discuss on the significance of lists and functions.

20. Elaborate the usage of exception and custom exceptions.

Shanmuga Industries Arts & Science College T.V.Malai